



# **$\pm 2g/\pm 4g/\pm 8g/\pm 16g$ , Low-Power 12-Bit Digital IoT Accelerometer**

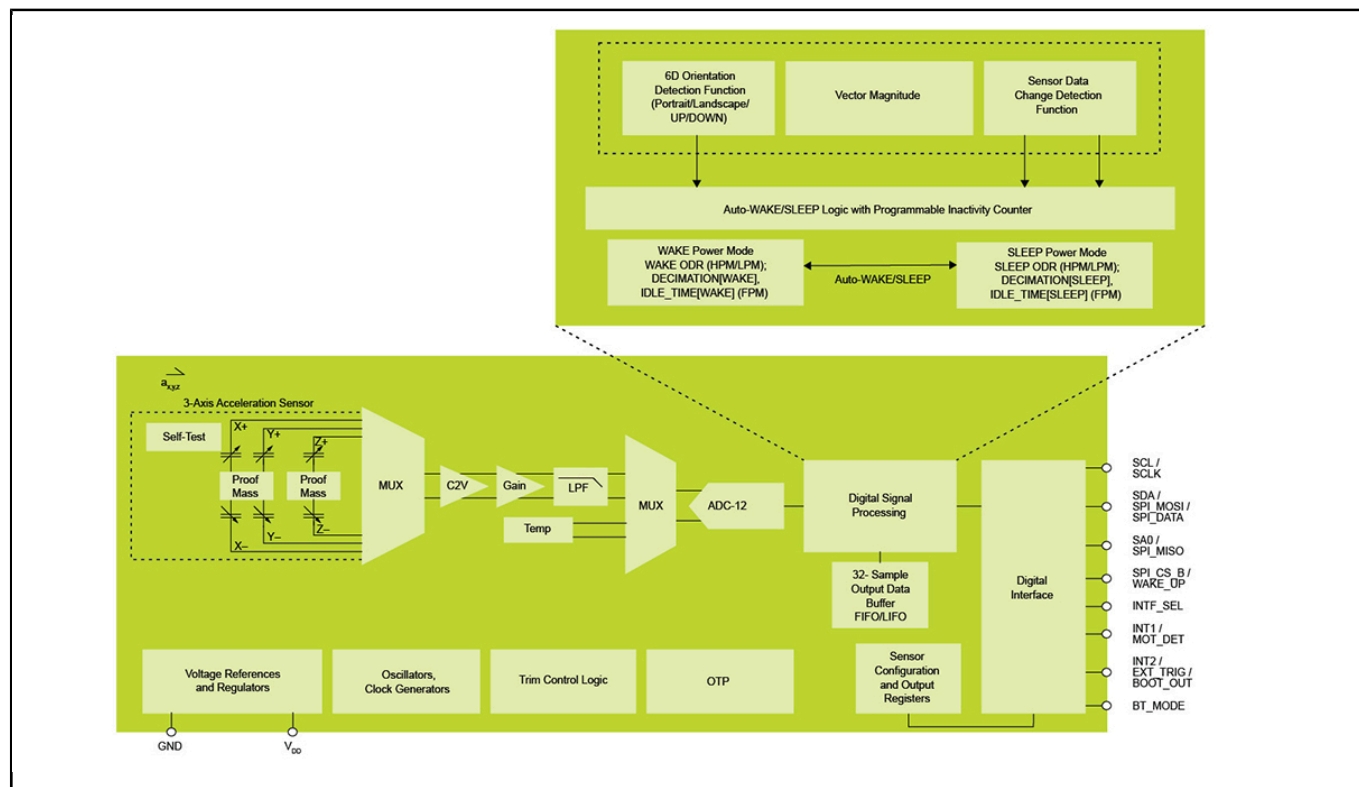
## **FXLS8974CF**

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FXLS8974CF is a compact 3-axis MEMS accelerometer designed for use in a wide range of industrial and medical IOT applications that require ultra-low-power wake-up on motion. The part supports both high-performance and low power operating modes, allowing maximum flexibility to meet the resolution and power needs for various unique use cases.

FXLS8974CF is available in a 2 mm x 2 mm x 0.95 mm 10-pin DFN package with 0.4 mm pitch and wettable flanks. The device is qualified to industrial standards over the extended  $-40\text{ }^{\circ}\text{C}$  to  $+105\text{ }^{\circ}\text{C}$  temperature range. The combination of sensor performance, system power-saving features, and extended over-temperature-range performance makes FXLS8974CF an ideal accelerometer for motion sensing in the IOT.

## FXLS8974CF Accelerometer Block Diagram



View additional information for [±2g/±4g/±8g/±16g, Low-Power 12-Bit Digital IoT Accelerometer](#).

**Note:** The information on this document is subject to change without notice.

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